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OM nucleic - nucleic search, using sw model

Run on: December 13, 2002, 02:57:40 ; Search time 66 Seconds

Perfect score: US-09-716-536-7

Sequence: 1 gttgggtggaggaaatttg.....aaaaaaaaaaaaaaaaaaa 2007

scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

searched: 441362 seqs, 153338381 residues

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents NA:*

1: /cgn2_6/pctodata/1/ina/5A_COMB.seq:*

2: /cgn2_6/pctodata/1/ina/6A_COMB.seq:*

3: /cgn2_6/pctodata/1/ina/6B_COMB.seq:*

4: /cgn2_6/pctodata/1/ina/PCTUS_COMB.seq:*

5: /cgn2_6/pctodata/1/ina/backfiles1.seq:*

6: /cgn2_6/pctodata/1/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match Length	DB ID	Description
1	2007	100.0	2007	US-09-052-089A-7
2	1890.8	94.2	2055	US-09-052-089A-7
3	1063.8	53.0	1975	US-09-052-089A-8
4	176.4	8.8	7542	US-09-734-030-3
5	65.8	3.3	7218	US-08-232-463-14
6	52	2.6	3489	US-08-728-323A-1
7	52	2.6	3489	US-09-298-568-1
8	52	2.6	32207	US-08-770-379-20
9	52	2.6	32207	US-08-757-669A-20
10	52	2.6	32207	US-09-230-371A-20
11	44.2	51259	3	US-08-71-891-209
12	44	2887	2	US-08-533-306A-3
13	44	2887	2	US-08-742-923A-3
14	43.6	2	16442	US-08-781-891-208
15	41.6	2	340	US-08-182-175A-104
16	2.1	340	5	PCT-US92-06412-104
17	41	1926	4	US-09-249-585A-2
18	41	2580	3	US-09-050-863-2
19	41	2	2580	.US-09-359-081-2
20	41	2	5452	US-09-130-114-1
21	41	2	9600	US-09-910-647-1
22	41	2	9600	US-09-620-925-1
23	41	2	10596	1 US-07-884-811-15
24	41	2	10596	1 US-07-885-971-15
25	41	2	10596	1 US-08-108-783A-15
26	41	2	10596	1 US-08-194-088B-15
27	41	2	10596	2 US-08-194-087-15

RESULT 1
US-09-052-089A-7
Sequence 7, Application US/09052089A
Patent No. 6346605

GENERAL INFORMATION:

TITLE OF INVENTION: SIGNAL TRANSDUCER FOR THE TNF RECEPTOR SUPER FAMILY, AND USES THEREOF

APPLICANT: Choi, Yongwan

ATTORNEY/AGENT INFORMATION:

NAME: Jackson Esq., David A.

REGISTRATION NUMBER: 25,742

FILING DATE: 31-Mar-1998

CLASSIFICATION: <Unknown>

TELECOMMUNICATION INFORMATION: 600-1-198 CIP 1

TELEPHONE: 201-487-5800

TELEFAX: 201-343-1684

INFORMATION FOR SBO ID NO: 7:

SEQUENCE CHARACTERISTICS:

LENGTH: 2007 base pairs

TYPE: nucleic acid

STRANDEDNESS: double

TOPOLOGY: linear

MOLECULE TYPE: cDNA

HYPOTHETICAL: NO

ORIGINAL SOURCE:

ORGANISM: Homo sapiens

SEQUENCE DESCRIPTION: SEQ ID NO: 7:

; US-09-052-089A-7

Query Match 100.0% ; Score 2007; DB 4; Length 2007;
Best Local Similarity 100.0%; Pred. No. 0; Indels 0; Gaps 0;

Matches 2007; Conservative 15; Mismatches 15; Appli Sequence 15, Appli Sequence 8, Appli Sequence 1, Appli Sequence 16, Appli Sequence 16, Appli Sequence 16, Appli Sequence 16, Appli Sequence 1, Appli Sequence 1, Appli Sequence 1, Appli Sequence 1, Appli Sequence 85, Appli

QY 1 GTGCGGGTGGAGGAATTGAGAACGCGGAGGGGGCCTCTACGAAGCGGACCTGT 60
Db 1 GTGCGGGTGGAGGAATTGAGAACGCGGAGGGGGCCTCTACGAAGCGGACCTGT 60
QY 61 ACCAGTTCTTATGGCGGCCCTGGCCCTTGAATGCCATCATGCATCTCGTCTCGT 120
61 ACCAGTTCTTATGGCGGCCCTGGCCCTTGAATGCCATCATGCATCTCGTCTCGT 120
Db 121 TGCATPATCCTCCGACTCTTCGATCACTCCSGACGCGGCCCATCAGTCGGG 180
QY 121 TGCATPATCCTCCGACTCTTCGATCACTCCSGACGCGGCCCATCAGTCGGG 180
Db 121 TGCATPATCCTCCGACTCTTCGATCACTCCSGACGCGGCCCATCAGTCGGG 180
QY 181 CACACCTTCACTTGAGTCAGTCTGAGCTTAATCAGTCAGTCAGTCAGTC 240
181 CACACCTTCACTTGAGTCAGTCTGAGCTTAATCAGTCAGTCAGTCAGTC 240
Db 241 CCACAGTGCGGAATCCAGGTTGCAAAAGAACATATTCAATTAAGAATCTT 300
QY 241 CCACAGTGCGGAATCCAGGTTGCAAAAGAACATATTCAATTAAGAATCTT 300
301 GCCCAGGAGGAGGATGCTTGATCGAGAAATCTTAAGAATGAGACTGACATGTC 360
QY 301 GCCCAGGAGGAGGATGCTTGATCGAGAAATCTTAAGAATGAGACTGACATGTC 360
301 GCCCAGGAGGAGGATGCTTGATCGAGAAATCTTAAGAATGAGACTGACATGTC 360
Db 361 AGGCCAGCTTCCAGAACAGAACAGCACAGCCAGTCATCATCCACT 420
361 AGGCCAGCTTCCAGAACAGAACAGCACAGCCAGTCATCATCCACT 420
Db 421 CTGGGGATAGCTGGAGAACGCAATGCTACTGTTGATCTCTCAGCAGGCTTGGG 480
QY 421 CTGGGGATAGCTGGAGAACGCAATGCTACTGTTGATCTCTCAGCAGGCTTGGG 480
481 AAGGGCAGATGCTGCTCCACATGAAAGCAGATGAGACTTAGACGAGCAG 540
QY 481 AAGGGCAGATGCTGCTCCACATGAAAGCAGATGAGACTTAGACGAGCAG 540
481 AAGGGCAGATGCTGCTCCACATGAAAGCAGATGAGACTTAGACGAGCAG 540
Db 541 GATGACACAAACACACAGAGGAGGCGGCCCTCAGGAGAACGACATGGCATG 600
541 GATGACACAAACACACAGAGGAGGAGGGGGCCCTCAGGAGAACGACATGGCATG 600
Db 601 GAGCCAGTTGACTCTACTCCAGGAGCCAGCTCCCTGAGGGGGAGAGATGATCCGAGAC 660
QY 601 GAGCCAGTTGACTCTACTCCAGGAGCCAGCTCCCTGAGGGGGAGAGATGATCCGAGAC 660
Db 661 ATGGGTGTGGGACAGTCAGCGGTGACAGCGGCGTGTACTGTGTCTCGAGAA 720
QY 661 ATGGGTGTGGGACAGTCAGCGGTGACAGCGGCGTGTACTGTGTCTCGAGAA 720
Db 661 ATGGGTGTGGGACAGTCAGCGGTGACAGCGGCGTGTACTGTGTCTCGAGAA 720
QY 721 GAGTAGGAAATCTAAAGAGGAGCGGAAGSCCTAGGGAGGTGCTGAGCTGGAGG 780
721 GAGTAGGAAATCTAAAGAGGAGCGGAAGGGCTCAGGGGGAGGTGCTGAGCTGGAGG 780
Db 781 AAGGTTGTTCTCCAGAGGACAGTGGAGACTCTGCTACTCGATGATGGCTAGGG 840
QY 781 AAGGTTGTTCTCCAGAGGACAGTGGAGACTCTGCTACTCGATGATGGCTAGGG 840
Db 841 AAGTGTGACTGAACTGAGCCAGAGGACTCTACAGTGGCTGACAGAACCTGAGG 900
QY 841 AAGTGTGACTGAACTGAGCCAGAGGACTCTACAGTGGCTGACAGAACCTGAGG 900
Db 901 CTGAAAGAAAGAAGCTAACGATGCTGGAGAACCTGACCTGCGCACTGAG 960
901 CTGAAAGAAAGAAGCTAACGATGCTGGAGAACCTGACCTGCGCACTGAG 960
QY 961 ACTGTGACCGCTGCTTGTAGAGGCCAGCCCCGTGGAGGGAATCTGAGGCCCGC 1020
QY 961 ACTGTGACCGCTGCTTGTAGAGGCCAGCCCCGTGGAGGGAATCTGAGGCCCGC 1020
Db 961 ACTGTGACCGCTGCTTGTAGAGGCCAGCCCCGTGGAGGGAATCTGAGGCCCGC 1020
QY 1021 CGGCACATCTCGCATGATATTGATCTCATGTCACCTTGAGTGGTACTCTCCCA 1080
1021 CGGCACATCTCGCATGATATTGATCTCATGTCACCTTGAGTGGTACTCTCCCA 1080
Db ;
; GENERAL INFORMATION:
; APPLICANT: Rubinfeld, Bonnie
; APPLICANT: Polakis, Paul G.
; APPLICANT: Ligenfelter, Carol

QY 1081 GCGCGGCCCTCAGCTCCACCATGTTACTACGAAAATCTGGCTTAGAGAACAC 1140
Db 1081 GCGCGGCCCTCAGCTCCACCATGTTACTACGAAAATCTGGCTTAGAGAACAC 1140
QY 1141 TCCCACATTCAAGATGTCGCCAGCATGTCAGTCAGTCAGTCAGTCAC 1200
Db 1141 TCCCACATTCAAGATGTCGCCAGCATGTCAGTCAGTCAGTCAC 1200
QY 1201 TCACGGGTGCCAGACTGTCAGTCAGTCAGTCAGTCAGTCAC 1260
Db 1201 TCACGGGTGCCAGACTGTCAGTCAGTCAGTCAGTCAC 1260
QY 1261 ATTTCGTCGCCAGCTCTAGCCAGACGCTTCAGTCAGTCAGTCAGTC 1320
Db 1261 ATTTCGTCGCCAGCTCTAGCCAGACGCTTCAGTCAGTCAGTC 1320
QY 1321 TCTTGGAGCAAAAGATGTTAGAGACAGGCTTCGATGGCTGGGCTGGCGGACAATTC 1380
QY 1381 ATCCAGCTACTGACACAGTCAGTCAGTCAGTCAGTCAGTCAGTCAGTC 1380
Db 1381 ATCCAGCTACTGACACAGTCAGTCAGTCAGTCAGTCAGTCAGTCAGTC 1440
QY 1441 AACAGCAGGGTGGAGCTGAGAACGACCGCTTCAGGCAAGCTGAGACCTTC 1500
Db 1441 AACAGCAGGGTGGAGCTGAGAACGACCGCTTCAGGCAAGCTGAGACCTTC 1500
QY 1501 CTGTGGCTGAGAACAGTCAGTCAGTCAGTCAGTCAGTCAGTCAGTC 1560
Db 1501 CTGTGGCTGAGAACAGTCAGTCAGTCAGTCAGTCAGTCAGTCAGTC 1560
QY 1561 TCAAGGACTGTCAGGAGCTGGAGATGATCCGACACTGCTGACTGTAG 1620
Db 1561 TCAAGGACTGTCAGGAGCTGGAGATGATCCGACACTGCTGACTGTAG 1620
QY 1621 GTAASGCGAGCAACAGGGAGGGAGTGACACCAGAGACTGCTCTTCGCGCT 1680
Db 1621 GTAASGCGAGCAACAGGGAGGGAGTGACACCAGAGACTGCTCTTCGCGCT 1680
QY 1681 CACCCCGCCCACTCTACGCTGAGGAGCTGAGTCAGCAGCCACTGAGCTGAGCA 1740
Db 1681 CACCCCGCCCACTCTACGCTGAGGAGCTGAGTCAGCAGCCACTGAGCTGAGCA 1740
QY 1741 GTCCTGCTGTCAGGAGCTGAGTCAGCAGCCACTGAGCTGAGCTGAGCTT 1800
Db 1741 GTCCTGCTGTCAGGAGCTGAGTCAGCAGCCACTGAGCTGAGCTGAGCTT 1800
QY 1801 CTGGGCTGGAGACCGGGCTACTGTGACTGTGCTCTGGAGGAGCTGAGCA 1860
Db 1801 CTGGGCTGGAGACCGGGCTACTGTGACTGTGCTCTGGAGGAGCTGAGCA 1860
QY 1861 TCTCAGCGACGCTCAGCCACGGTACTGTGACTGTGCTCTGGAGGAGCTGAGCA 1920
Db 1861 TCTCAGCGACGCTCAGCCACGGTACTGTGACTGTGCTCTGGAGGAGCTGAGCA 1920
QY 1921 GCGCAAGGGGGGGAGATGGAGGATAGCTGGAGGATGGAGGAGGATGGAGAATTC 1980
Db 1921 GCGCAAGGGGGGGAGATGGAGGATAGCTGGAGGAGGATGGAGGAGGATGGAGAATTC 1980
QY 1981 CCCGAAAAAAAAMAAAAAAA 2007
Db 1981 CCCGAAAAAAAAMAAAAAAA 2007

RESULT 2

US-08-968-7-51-1

Sequence 1, Application US/08968751

; Patent No. 5948643

;

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APPLICANT: Vuong, Terilyn T.
 TITLE OF INVENTION: MODULATORS OF BRCA1 ACTIVITY
 NUMBER OF SEQUENCES: 6
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: ONYX Pharmaceuticals, Inc.
 STREET: 3031 Research Drive
 CITY: Richmond
 STATE: CA
 COUNTRY: USA
 ZIP: 94806
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent in Release #1.0, version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/968,751
 FILING DATE:
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Giotta, Gregory
 REGISTRATION NUMBER: 32, 028
 REFERENCE/DOCKET NUMBER: ONYX1024 GG
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (510) 262 8110
 TELEFAX: (510) 222-9753
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 2065 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 103..1512
 S-08-968-751-1
 Query Match 94.2%; Score 1890.8; DB 2;
 Best Local Similarity 98.9%; Pred. No 0; Mismatches 17;
 Matches 1946; Conservative 0; Mismatches 17;
 Y 44 TAGCAGGCCGACCTCTAGCAATTCTTGGCTGGCCCT
 Y 44 TAACGAAGCCGACCTCTAGCAATTCTTGGCTGGCCCT
 Y 104 TGCCATTCGGCTCTGGCACTATCGCTCCACTCTTGGATCC
 b 104 TGCCATTCGGCTCTGGCACTATCGCTCCACTCTTGGATCC
 Y 164 CGGCCATCCACTGGCCACACCTTCCACTTGAGTGCTAA
 b 164 CGGCCATCCACTGGCCACACCTTCCACTTGAGTGCTAA
 Y 224 CACCAAGTCCGACCTGCCAACAGTGGCGAATCAGGTTGCAAAA
 b 224 CACCAAGTCCGACCTGCCAACAGTGGCGAATCAGGTTGCAAAA
 Y 284 AGCTCTCTTGATCTGCCAGAGGGAGAATGCTTGGATCC
 b 284 AGCTCTCTTGATCTGCCAGAGGGAGAATGCTTGGATCC
 Y 404 AGGTCTCATGACACTCTGGGGATACGGAGAACGCAATG
 b 404 AGGTCTCATGACACTCTGGGGATACGGAGAACGCAATG
 b 344 ATGAACTGGACATGACAGGCCAGCTTCCCAGAAAGAACAGG
 Y 464 TGCAGCAGGCCCTGGCAAGGCCAGATGCTGCTCCACACTG

APPLICANT: Vuong, Terilyn T.
 TITLE OF INVENTION: MODULATORS OF BRCA1 ACTIVITY
 NUMBER OF SEQUENCES: 6
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: ONYX Pharmaceuticals, Inc.
 STREET: 3031 Research Drive
 CITY: Richmond
 STATE: CA
 COUNTY: USA
 ZIP: 94806
 COMPUTER READABLE FORM:
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/968,751
 FILING DATE:
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Gicita, Gregory
 REGISTRATION NUMBER: 32,028
 REFERENCE/DOCKET NUMBER: ONYX1024 GG
 TELECOMMUNICATION INFORMATION:
 TELEFAX: (510) 222-9758
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 2065 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLogy: linear
 MOLECULE TYPE: cDNA
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 103..1512
 US-08-968-751-1

Query Match 94.2%; Score 1890.8; DB 2; length 2065;
 Best Local Similarity 98.9%; Pred. No. 0; Mismatches 0; Matches 1946; Conservative 0; Indels 5; Gaps 4;

QY	44	TACGAAGSCGGACCTGTGAGCAGTTCTTGTGCGGCCCTTGAGTCAGCCATCA	103
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QY	104	TGCATATCGCTCTGCCACTCTCTCTCCACTCTTGGTCACTCCGGAGCGTGG	163
QY	104	TGCATATCGCTCTGCCACTCTCTCTCCACTCTTGGTCACTCCGGAGCGTGG	163
Db	104	TGCATATCGCTCTGCCACTCTCTCTCCACTCTTGGTCACTCCGGAGCGTGG	163
QY	164	CCGCCATCCATCGGCCACCTTCCACTTGAGTCGCTTCAATTGAGCTTGGAGAC	223
QY	164	CCGCCATCCATCGGCCACCTTCCACTTGAGTCGCTTCAATTGAGCTTGGAGAC	223
Db	164	CCGCCATCCATCGGCCACCTTCCACTTGAGTCGCTTCAATTGAGCTTGGAGAC	223
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QY	224	CACCAAGTGGACCTGTGCCAACAGTGGTGGAAAGAACCTTATTAATAAAGA	283
Db	224	CACCAAGTGGACCTGTGCCAACAGTGGTGGAAAGAACCTTATTAATAAAGA	283
QY	284	AGCTCTTGTACTTCCAGGAGGAGATGCTTGGATGAGAACTTCAGTAAAGA	343
QY	284	AGCTCTTGTACTTCCAGGAGGAGATGCTTGGATGAGAACTTCAGTAAAGA	343
Db	284	AGCTCTTGTACTTCCAGGAGGAGATGCTTGGATGAGAACTTCAGTAAAGA	343
QY	344	ATGACTGCAATGCTGAGGCCAGCTTCCAGAAGAAGCAAGGAGAACGAGACCC	403
QY	344	ATGACTGCAATGCTGAGGCCAGCTTCCAGAAGAAGCAAGGAGAACGAGACCC	403
Db	344	ATGACTGCAATGCTGAGGCCAGCTTCCAGAAGAAGCAAGGAGAACGAGACCC	403
QY	404	AGTCATCATCGACACTCTGCGSGATAGCTGCGAAGAACGCAATGCTGACTGT	463
QY	404	AGTCATCATCGACACTCTGCGSGATAGCTGCGAAGAACGCAATGCTGACTGT	463
Db	404	AGTCATCATCGACACTCTGCGSGATAGCTGCGAAGAACGCAATGCTGACTGT	463
QY	464	TGCTGCAACTTGTGAGCTGCAAGGAGGAGCTGCTCCACACTGAAAGACAGATGAGT	523
QY	524	ACTTAGGAGCACCGAGGATGAGACGCCAACAGCACACAGAGGAGGCCGCGCTCAGGA	583
Db	524	ACTTAGGAGCACCGAGGATGAGACGCCAACAGCACACAGAGGAGGCCGCGCTCAGGA	583
QY	584	GCAAGATGAGACCATGGAGCAATTGAGCTCAGCGGGACAGTGGGAGACGGAGCTG	643
Db	584	GCAAGATGAGACCATGGAGCAATTGAGCTCAGCGGGACAGTGGGAGACGGAGCTG	643
QY	644	AGGAGATGATCCGAGACATGGGTGGAGCAGTCAGCGGGACAGTGGGAGCTG	703
Db	644	AGGAGATGATCCGAGACATGGGTGGAGCAGTCAGCGGGACAGTGGGAGCTG	703
QY	704	GTGTGTCCTCAAGAAAGAGTACCGAGAATCTAAGAGSGCACSGAACGCTCAGGGAGG	763
Db	704	GTGTGTCCTCAAGAAAGAGTACCGAGAATCTAAGAGSGCACSGAACGCTCAGGGAGG	763
QY	824	CTGAATTGATCAGGCCAGTGGATAGAACCTGAGCTAGCCAGAAGGAGCTAACAGTGT	883
Db	824	CTGAATTGATCAGGCCAGTGGATAGAACCTGAGCTAGCCAGAAGGAGCTAACAGTGT	883
QY	884	ACAGGAATCATGGCCAGTGAAGAAAGAACCTAACGATGTCAGGAAACCTGTGACCTGC	943
Db	884	ACAGGAATCATGGCCAGTGAAGAAAGAACCTAACGATGTCAGGAAACCTGTGACCTGC	943
QY	944	CACCAAGTGGCCAGTGAAGACTGTGACCSCTGGTTAGAGASCCASCCCGTGTGAGG	1003
Db	944	CACCAAGTGGCCAGTGAAGACTGTGACCSCTGGTTAGAGASCCASCCCGTGTGAGG	1003
QY	1004	TGAATCTGAACTCCGGGGCATCTCTCGTGTGATTTGATCTCATGCTTACCTTG	1063
Db	1004	TGAATCTGAACTCCGGGGCATCTCTCGTGTGATTTGATCTCATGCTTACCTTG	1063
QY	1064	ATGTCGATACTCCCCAGCCGGCCCTCCAGCTCCCAGCTCCAGCATGGTTACAGA	1123
Db	1064	ATGTCGATACTCCCCAGCCGGCCCTCCAGCTCCCAGCTCCAGCATGGTTACAGA	1123
QY	1124	GCCTAGAGAGTCACCTCCCAATTAGATGTCGCCAGAAGATATGCAAGGCCCA	1183
Db	1124	GCCTAGAGAGTCACCTCCCAATTAGATGTCGCCAGAAGATATGCAAGGCCCA	1183
QY	1184	GGANGAGGAGCCAGCTCTACTGGTGGCAGAGCTGTCAGGAGGCCAGATGAGAAC	1243
Db	1184	GGANGAGGAGCCAGCTCTACTGGTGGCAGAGCTGTCAGGAGGCCAGATGAGAAC	1243
QY	1244	TGGTGTGCTCTTCCATTGTCGGATGCTCCATTGTCGGATGCTCCATTGTCGG	1243
Db	1244	TGGTGTGCTCTTCCATTGTCGGATGCTCCATTGTCGGATGCTCCATTGTCGG	1243
QY	1304	GGCCAGGGTCAGACTCTCTTGTGAGCAAGATGTTGGTAAAGGAGGCCATGCG	1363
Db	1304	GGCCAGGGTCAGACTCTCTTGTGAGCAAGATGTTGGTAAAGGAGGCCATGCG	1363
QY	1364	GTGGCCGGACAATTCTCCAGCTACTGACACAGTCATGATCCGCCATTGCTG	1423
Db	1364	GTGGCCGGACAATTCTCCAGCTACTGACACAGTCATGATCCGCCATTGCTG	1423
QY	1424	AGCCAGACCAAGTGTAGCTGAGGGTGAGGAGACCCGTGCTCTCTCTCCAGG	1483
Db	1424	AGCCAGACCAAGTGTAGCTGAGGGTGAGGAGACCCGTGCTCTCTCTCCAGG	1483
QY	1484	CCAAGCTGACACTCTCTGCTGAGACAGTGTGAGCTGAGCTGAGCTGAGCTG	1543
Db	1484	CCAAGCTGACACTCTCTGCTGAGACAGTGTGAGCTGAGCTGAGCTGAGCTG	1543
QY	1544	TGCTGCAACTTGTGAGCTGCAAGGAGGAGCTGCTCCACACTGAAAGACAGATGAGT	1601

Db 1544 TGCCTGCAACATGTAGTCANGACATGCCAGCGAGGGTTTGTGACAGAGCCCCACT 1603 ;
; ORIGINAL SOURCE:
; ORGANISM: mouse
; SEQUENCE DESCRIPTION: SEQ ID NO: 8:
; US-09-052-089A-8

Query Match 53.0%; Score 1062.8; DB 4; Length 1975;
Best Local Similarity 74.6%; Pred. No. 3.3e-289; Indels 65; Gaps 11;
Matches 1506; Conservative 0; Mismatches 447;

Db 1602 TTCGGGACCACCTTAGGTGTTAGGSCAGAACAGGTAGGGTAGTGACACCCAG 1661 ;
; US-09-052-089A-8

Db 1604 TTCGGGACCACGCTTAGGTGTTAGGGCAGACAAGGTAGGGTAGTGACACCCAG 1663 ;
; US-09-052-089A-8

Qy 1662 AGACTGCTCTCTGCCTACCCGCCACTCTAGACTGGAGCTGACATGACATGAC 1721 ;
; US-09-052-089A-8

Db 1664 AGACTGCTCTCTGCCTACCCGCCACTCTAGACTGGAGCTGACATGACATGAC 1723 ;
; US-09-052-089A-8

Qy 1722 CCCACTGATCCGTGAGCAGCTTCTGGCTGAGACAGGGTCACTCTAGACTGGAGCTGACATGAC 1780 ;
; US-09-052-089A-8

Db 1724 CCCACTGATCTGTGAGCAGCTTCTGGCTGAGACAGGGTCACTCTAGACTGGAGCTGACATGAC 1783 ;
; US-09-052-089A-8

Qy 1781 CAGATGTTGTCAGACAGCTTCTGGCTGAGACAGGGTCACTCTAGACTGGAGCTGACATGAC 1840 ;
; US-09-052-089A-8

Db 1784 CAGATGTTGTCAGACCTTCTGGCTGAGACAGGGTCACTCTAGACTGGAGCTGACATGAC 1843 ;
; US-09-052-089A-8

Qy 1841 GGACAGAGAGCTTGGCACCTGAGCAGCTGAGCCAAAGCTTACCGCCATGAC 1900 ;
; US-09-052-089A-8

Db 1844 GGACAGAGCTTGGCACCTGAGCAGCTGAGCCAAAGCTTACCGCCATGAC 1903 ;
; US-09-052-089A-8

Qy 1901 TTGCTCTA-GCATAGCTGGCCAGCAGGTGGGAATGGAGATAGATGGATGT 1959 ;
; US-09-052-089A-8

Db 1904 TTGCTCTA-GCATAGCTGGCCAGCAGGTGGGAATGGAGATAGATGGATGT 1962 ;
; US-09-052-089A-8

Qy 1960 ATGGAGGAGTGGAGATTTCGGGAAAAAAA 2007 ;
; US-09-052-089A-8

Db 1963 ATGGAGGAGTGGAGATTTCATGTAATAATAATAAAA 2010 ;
; US-09-052-089A-8

RESULT 3
US-09-052-089A-8

Sequence 8, Application US/09052089A
; Patent No. 634605
; GENERAL INFORMATION:

APPLICANT: Lee, Soo Y.
TITLE OF INVENTION: SIGNAL TRANSDUCER FOR THE TNF RECEPTOR SUPER FAMILY, AND USES THEREOF
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: David A. Jackson, Esq.
STREET: 411 Hackensack Ave, Continental Plaza, 4th Floor
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601

COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/052, 089A
FILING DATE: 31 Mar-1998
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esg., David A.
REGISTRATION NUMBER: 26,742
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-341-1684
TELEFAX: 201-341-1684
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 1975 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA
HYPOTHETICAL: NO

Db 359 TCAGACAGCCCAGCTTCCAGAAGAACGACATTAACTAATAGCTCTCTTGAC 298 ;
; US-09-052-089A-8

Db 368 TCAAACCTCTACCTTTCAGCTGAACTCCGCTTAA 307 ;
; US-09-052-089A-8

Qy 399 TTGCCCCAGGAGGAGGAATCTCTGATGGAGAAATTCAGACAGGACTGGACAT 358 ;
; US-09-052-089A-8

Db 308 TCGCCCPAGGAGAGGAGAATGCTTGTGATGGAGAAATCTTAAAGATGAAC 367 ;
; US-09-052-089A-8

Qy 419 CTCTGGGGTATCCGTGAAAGACGCAATGTTACTCTGGTATCTCTGACAGGGCTTG 478 ;
; US-09-052-089A-8

Db 428 CTCTACGGGACACCCPTGGAAGAACCCGAACTCTACCGGGTCCCTACAGAAC 487 ;
; US-09-052-089A-8

Qy 479 CGAAGGCCGAGATGCTGTCACACTGAAAAACAGATGAGTGAAGTACTTAGCAGC 538 ;
; US-09-052-089A-8

Db 488 ACAGGCCGAGATGCTGTCACCTGTGAAAAACAGATGAGTCTCGAGCAGCG 547 ;
; US-09-052-089A-8

Qy 539 AGGATGAGACCAACAGCACAGCTGGAGGAGGCCACCGACATCAAGTGCAAGT 598 ;
; US-09-052-089A-8

Db 548 AGGATORAGACACAAACAGCTGGAGGAGGCCACCGACATCAAGTGCAAGT 607 ;
; US-09-052-089A-8

Qy 599 TTGACCGAGATTTGACCTACTCCAGAGCCATCCTGAGGTGGAGATGATCCGAG 658 ;
; US-09-052-089A-8

Db 608 TTGACCAAATTGAGCTCTACTCCAGAGGCCATCCTGAGGTGGAGATGATTCGAG 667 ;
; US-09-052-089A-8

Qy 659 ACATGGGTGTTGGACAGTCAGCTGGTGAAGACAGCTGCTGCTGACTGTGCTCTCAAGA 718 ;
; US-09-052-089A-8

Db 668 ACATGGGTGTTGGACAGTCAGCTGGTGAAGACAGCTGCTGCTGACTGTGCTCTCAAGA 727 ;
; US-09-052-089A-8

Qy 719 AGAGATGACGAACTCTAAAGAGGACGAGGAGCTCAGGGAGCTGGCTGACAGTG 778 ;
; US-09-052-089A-8

Db 728 AGAGATGACGAACTCTAAAGAGGACGAGGAGCTCAGGGAGCTGGCTGACAGTG 787 ;
; US-09-052-089A-8

Qy 779 GGAAGCTGATTTCTCCAGAACGCACTGACAGACAGTACTCTGAAATTGGATCAGG 838 ;
; US-09-052-089A-8

Db 788 AGAAGGATTGTTGTCCTCTAGAGCACTTGAGACTCTAACACTGAGCTGGATCAG 847 ;
; US-09-052-089A-8

Qy 839 CCAAGTGTAGACTGAGTCAGGCCAGAACGACTTACAAGTGTGACAGGAGATCAGA 898 ;
; US-09-052-089A-8

Db 848 CCAAGTGTAGACTGAGTCAGGCCAGAACGACTTACAAGTGTGACAGGAGATCAGA 907 ;
; US-09-052-089A-8

Qy 899 GCCTGAAAAGAG-CTAACGATGCTGAGAACCTTGACCTGCCAACCTGAGTGGCCAGT 957 ;
; US-09-052-089A-8

Db 908 GCCTGAAAAGAG-CTAACGATGCTGAGAACCTTGACCTGCCAACCTGAGTGGCCAGT 966 ;
; US-09-052-089A-8

QY	958	GAGACTCTGACCCGGCTGGTTAGAGAGGCCAGGCCCTGTGGA--GGTGAATCTGTGAG	1014
Db	967	GAGACGCTCAGCGGCCTGGTTTGAGAGGCCAGGCCCTGTGAGATGTGAACCGGAG	1026
QY	1015	CCCGCGGGCCATCTTCGCTGATGATATGATCTCACTGCTACTCTTGATGTGGATACT	1074
Db	1027	CTTCACCCAGCCACCCCTCTGGTGTAGATGATCTCACTGCTACTCCACCTTGTGAAATCC	1086
QY	1075	CCCCAGCCGGCCCTCCAGCTCCAGCATCTGGTACTACGAAAACCTTGCTAGAGANG	1134
Db	1087	CCTCCAAACCAGACGACCTCTGCTCCAGCATGTCCTCCAGCATGTCCTCCAGCGAGTC	1206
QY	11195	CAGCTCTCACCTGGGGGCCAGCAGCTGCGGAGGCCAGATGGGAGACTGGTGTGTC	1146
QY	11335	TCACACTCCCATTCAGGATGTCCTCAAAGAGATATGCAAAAGCCCCAGAAGAGTCC	1194
Db	1147	GCACGCCTCTCCATGCAAGATGTCCTCAAGAAGGTGCAAACTGCTCCAGCGAGTC	1206
QY	1207	CACTCTCACCTGGGGGCCAGCAGCTGCGGAGGCCAGATGGGAGACTGGTGTGTC	1254
Db	1255	TTCCCTATTGTCGGATGCCATCTTAGCCAGAAAGAGCCAAAGGCCAAAGGGTCA	1314
QY	1327	TTCCCTCTCTCATCGGAAAGCTGCTGCAAAAGCCAAACAGGACACACA	1386
QY	1375	AAATTCTATCGCCACTCTGACACATCATATCCCCATGCTTAAGCCAAAGCC	1434
Db	1387	AAATCTATCCAGCTTGGGACACATCATATCCCCATGCTTAAGCCAAAGCC	1446
QY	1435	AGGTAAAGCAGAGGGTGAAGGGTGAAGACGCTCTCCAGGCAACTGGAC	1494
Db	1447	AAGAGAACAGAACAGAATGAGATAAGACTGTGAGTCCTCCAGGCCAACGTGAT	1506
QY	1495	ACCTCTCTGTGTCGAGACAGTGACTCTGACCAATGCCACACATGCCCTGCAACT	1554
Db	1507	ACCTCTCTATGTCA-----TGAACGGTGAACAGAGTGTGTTTGCAATT	1551
QY	1555	TGAGTCAGGACTCTCCA-GGAGGGTTGTGACAGAGCCACTCTCCAGGCC	1612
Db	1552	AGTGGCCAAACCTGGCTAACGGAAAGTGTGAGACCCAGAACAGTCCT	1672
QY	1613	CCTGAGGTGTAGGGCACACAAACAGGTGGGGTAGTGTGACAGACTGCTT	1672
Db	1609	-----AGTCCAGAGAGATGCCAGAACACAT	1639
QY	1673	CCTGCGCTCACCTCTGCCACACTCTACGACTGGAGCTGTGACATGACGCCACTGTAC	1732
Db	1640	CCTGCGCTCACGTGCGCCCTGCACAC-ACTGGGAGGCCATGACCTTACTGTGCC	1697
QY	1733	TCTCAGCAGGCTCTGC-TCTGTGCCAGCTTATAGCTATGAGCTATGAGTGTGGTC	1791
Db	1698	GATCAGCAGGCCATTCAGTGTGAGCTGAGCTGAGCTGAGCTGAGCTGAGCTG	1757
QY	1792	AGACTCTTCCTGGGCCAGGACCGGTTCTGCTATAGCTACATGACTGTTCTGAGCAGC	1847
Db	1758	GGACTCTTCCTGGGCCAGGACCGGTTCTGCTATAGCTACATGACTGTTCTGAGCAGC	1817
QY	1848	-AGTGCCTGTGAGCATCTCAGCAGCTCACCCAAAGCTTCTACCTGCTTGTACTGTCT	1906
Db	1818	AGGATCTATGCAAGGCTGGAGGACCTGTGCGCTGTGACTCTGCTGCTCAGCTTATG	1877
QY	1907	CTAGCATAGCTGGGCCAGAGGGGGATGGAGGATAGACATGGAGTGTGAGTC	1966
Db	1878	CTGAAATTATGGGGAGATGGTGTAGGGAAAGGTGGGAAGTGTGGAGTTCTGTAAAT	1937
QY	1967	GGATGGAGAATTCTCCAGAAAAAAAGAAAAAAAGAAAAAA 2004	
Db	1938	AAAAGGGATCTTCTCAAAAAGAAAAAAAGAAAAAA 1975	

RESULT 4
US-09-734-030-3
Sequence 3, Application US/09734030
GENERAL INFORMATION:
; Patent No. 6461846
; APPLICANT: BEASLY, Ellen M.
; APPLICANT: MERKLOV, Gennady
; APPLICANT: KEPCHUM, Karen A.
; APPLICANT: WEI, Ming-Hui
; APPLICANT: DIFRANCESCO, Valentina
APPLICANT: YAN, Chunhua
TITLE OF INVENTION: ISOLATED HUMAN KINASE PROTEINS, NUCLEIC
TITLE OF INVENTION: ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES
TITLE OF INVENTION: THEREOF
FILE REFERENCE: CL000612
CURRENT APPLICATION NUMBER: US/09/734, 030
CURRENT FILING DATE: 2000-12-12
PRIORITY APPLICATION NUMBER: 60/207, 281
PRIORITY FILING DATE: 2000-05-30
NUMBER OF SEQ ID NOS: 3
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 3
LENGTH: 7542
TYPE: DNA
ORGANISM: HUMAN
US-09-734-030-3

CLASSIFICATION: 435
PRIORITY APPLICATION NUMBER: US/07/935,313
APPLICATION NUMBER: EP 91 114 300.6
FILING DATE: 26-AUG-1991
ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 30472/114 IMMU
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)836-3300
TELEFAX: (703)683-4109
TELEX: 89919
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 7213 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
CLONE: PTZ9PT-F1S

US-08-232-463-14

STREET: 1185 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/728,323A
FILING DATE: 4/3/95
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: White, John P.

REGISTRATION NUMBER: 28,678

REFERENCE/DOCKET NUMBER: 0575/52268/JPW/MSC/SK5S

TELECOMMUNICATION INFORMATION:

TELEPHONE: 212-278-0400
TELEFAX: 212-391-0525

INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:

```

Query Match          2.5%; Score 52; DB 2; Length 3489;
Best Local Similarity 48.9%; Pred. No. 0.00011; Mismatches 0; Gaps 0;
Matches 139; Conservative 0; MisMatches 145; Insets 0; Gaps 0;

QY 505 CTGAAAAGCAGATGAACTTGTAGCCAGCAGCAGGATGAGACCAAAAGCACAGAG 564
    ||| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 2212 CAGGTTGAGCAGCAGCAGCAGGATGAGCAGCAGCAGGATGAACTGGAG 2271
    ||| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
QY 565 GAGGCCGCCGCTCAAGGACAGATGAGACCATGGAGCAGATGACTCTACTCAG 624
    ||| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 2272 GAGCAGGAGCAGCAGGAGGAGGAGGAGGACTTAGGGAGGAGGAGGAGTGTAGAG 2331
    ||| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
QY 625 AGCCACSTCCCTGAGGGAGGAGATGATCCAGACATGGGTGGGAGCTAGCGG 684
    ||| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 2332 GATCAGGGAGCAGGAGTGTAGAGGAGCAGGAGCAGGAGTGTAGAGGAGCAGGAGTGA 2391
    ||| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
QY 685 GAAACAGCTGGCTGTGTRACTGTCCTCAAGAAGGTTACCGAGANTCTAAAGAGCCA 744
    ||| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 2392 GAGGAGGAGCAGGAGCAGGATTAGAGGAGCAGGAGCAGGAGTGTAGAGGAGCAGGAG 2451
    ||| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
QY 745 CGGAGGCCTAGGGGGTGCTGACAGCTGAGGAGATT 788
    ||| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 2452 TTAGAGGAGCAGGAGCAGGAGTGTAGAGGAGCAGGAGCAGGAG 2495
    ||| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

RESULT 7
US-09-298-568-1
; Sequence 1, Application US/09298568
; Patent No. 6332792
; GENERAL INFORMATION:
; APPLICANT: Kieff, Elliott D.
; APPLICANT: Ballestas, Mary E.
; APPLICANT: Kaye, Kenneth M.
; TITLE OF INVENTION: RHADINO VIRUS LANA ACTS IN TRANS ON A UNIT OF RHADINO
; TITLE OF INVENTION: VIRUS DNA TO MEDIATE EFFICIENT EPISOME PERSISTENCE
; FILE REFERENCE: 16412-10001R
; CURRENT APPLICATION NUMBER: US/09/298, 568
; CURRENT FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/1109, 422
; EARLIER FILING DATE: 1998-11-19

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NUMBER OF SEQ ID NOS: 3
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 3489
; TYPE: DNA
; ORGANISM: Kaposi's sarcoma-associated herpesvirus
; US-09-298-588-1

Query Match 2.6%; Score 52; DB 4; Length 3489;
; Best Local Similarity 48.9%; Pred. No. 0 00011; Indels 0; Gaps 0;
; Matches 139; Conservative 0; Mismatches 145; STRANDEDNESS: double
; Matches 139; Conservative 0; Mismatches 145; Indels 0; Gaps 0;
; MOLECULE TYPE: DNA (genomic)

Query Match 2.6%; Score 52; DB 2; Length 32207;
; Best Local Similarity 48.9%; Pred. No. 0 00034; Indels 0; Gaps 0;
; Matches 139; Conservative 0; Mismatches 145; STRANDEDNESS: double
; Matches 139; Conservative 0; Mismatches 145; Indels 0; Gaps 0;
; MOLECULE TYPE: DNA (genomic)

US-08-770-379-20

Query Match 2.6%; Score 52; DB 2; Length 32207;
; Best Local Similarity 48.9%; Pred. No. 0 00034; Indels 0; Gaps 0;
; Matches 139; Conservative 0; Mismatches 145; STRANDEDNESS: double
; Matches 139; Conservative 0; Mismatches 145; Indels 0; Gaps 0;
; MOLECULE TYPE: DNA (genomic)

Qy 505 CTGAAAGAGATGAGTACTAGACGCCAGCAGGATGAGAACACAGCACAGAG 564
; Db 2212 CAGGTAGCAGCAGCACAGCATGGATGAGCACAGCAGCAGGAG 2271
; Qy 565 GAGGGGGGGCTAGGAGGAGATGATCCGAGACTGGGTGGACASTCA3CGGTG 624
; Db 2332 GATCAGGAGCAGGAGTTAGAGGAGCAGGAGGAGTAGAGGAGCAGGAGGTTA 2391
; Qy 685 GAAACAGCTGGCTGACTGTGTCAGAAAGAGTAGAGGATCTAAAGGCCA 744
; Db 2392 GAGGAGCAGGAGCAGGAGTTAGAGGAGCAGGAGCAGGAGGAGGAGGAGTA 2451
; Qy 745 CGGAAGGCCTCAGGGAGGTGCTGACAAGGTGAGGAAGGTT 788
; Db 2452 TTAGAGGAGCAGGAGCAGGAGTTAGAGGAGCAGGAGGTT 2495

RESULT 8
US-08-770-379-20/C
; Sequence 20, Application US/08770379

GENERAL INFORMATION:
; Patent No. 5849564
; APPLICANT: Chang, Yuan
; APPLICANT: Bohenzky, Roy A.
; APPLICANT: Russo, James J.
; APPLICANT: Edelman, Isidore S.

APPLICANT: Moore, Patrick S.
TITLE OF INVENTION: POLYPEPTIDES FROM KAPOSI'S SARCOMA-ASSOCIATED HERPESVIRUS, DNA ENCODING SAME AND USES THEREOF
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooper & Dunham LLP
; STREET: 1185 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036

COMPUTER READABLE FORM:
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, version #1.30
CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/770,379
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: White, John P.
; REGISTRATION NUMBER: 28,678
; REFERENCE/DOCKET NUMBER: 52342
TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 278-0400
; TELEFAX: (212) 391-0525
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
; LENGTH: 32207 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)

RESULT 9
US-08-757-669A-20/C
; Sequence 20, Application US/08757669A

GENERAL INFORMATION:
; Patent No. 6183751
; APPLICANT: Chang, Yuan
; APPLICANT: Bohenzky, Roy A.
; APPLICANT: Russo, James J.
; APPLICANT: Edelman, Isidore S.

APPLICANT: Moore, Patrick S.
TITLE OF INVENTION: UNIQUE ASSOCIATED KAPOSI'S SARCOMA VIRUS SEQUENCES AND USES THEREOF
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooper & Dunham LLP
; STREET: 1185 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036

COMPUTER READABLE FORM:
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, version #1.30
CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/757,669A
; FILING DATE:
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: White, John P.
; REGISTRATION NUMBER: 45185-F
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 278-0400
; TELEFAX: (212) 391-0525
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
; LENGTH: 32207 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)

RESULT 12
US-08-533-306A-3
Sequence 3, Application US/08533306A
Patent No. 5,837,457
GENERAL INFORMATION:
APPLICANT: Liu, Pu
APPLICANT: Collins, Francis S.
APPLICANT: Siciliano, Michael J.
APPLICANT: Claxton, David
TITLE OF INVENTION: Markers for Detection of Chromosome 16
TITLE OF INVENTION: Rearrangements
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: Harness, Dickey & Pierce, P.L.C.
STREET: P.O. Box 828
CITY: Bloomfield Hills
STATE: MI
COUNTRY: USA
ZIP: 48303
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/533,306A
FILING DATE: September 25, 1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Smith, Deann F.
REGISTRATION NUMBER: 36683
REFERENCE DOCKET NUMBER: 2115-00869COB
TELECOMMUNICATION INFORMATION:
TELEPHONE: (810) 641-1600
TELEFAX: (810) 641-0270
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 2887 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: cDNA to mRNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
INDIVIDUAL ISOLATE: Sample 1
TISSUE TYPE: Acute myelomonocytic leukemia, M4EO
TISSUE TYPE: subtype (inv16)
POSITION IN GENOME:
CHROMOSOME SEGMENT: 16[inv(16)(p13q22)]
FEATURE:
NAME/KEY: CDS
LOCATION: 1..2658
US-08-533-306A-3
Query Match 2.2%; Score 44; DB 2; Length 2887;
Best Local Similarity 47.2%; Pred. No. 0.019;
Matches 134; Conservative 0; Mismatches 150; Indels 0; Gaps 0;
QY 530 AGCGAGGAGCAGGATGAGACCAACAAAGCACAAAGAGGGCGGCCCTCAGGAGCAGA 589
; HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
INDIVIDUAL ISOLATE: Sample 1
TISSUE TYPE: Acute myelomonocytic leukemia, M4EO
TISSUE TYPE: subtype (inv16)
POSITION IN GENOME:
CHROMOSOME SEGMENT: 16[inv(16)(p13q22)]
FEATURE:
NAME/KEY: CDS
LOCATION: 1..2658
US-08-742-923A-3
Query Match 2.2%; Score 44; DB 2; Length 2887;
Best Local Similarity 47.2%; Pred. No. 0.019;
Matches 134; Conservative 0; Mismatches 150; Indels 0; Gaps 0;
QY 530 AGCGAGGAGCAGGATGAGACCAACAAAGCACAAAGAGGGCGGCCCTCAGGAGCAGA 589
Db 512 AGATAATGAGCAGGAGGTGGACATAGAGAAGAGAACGAGCTGGGGAGCTGGCTCTGG 571
Db 572 GCGAGGAGCAGGAGGTGGACATAGAGAAGAGAACGAGCTGGGGAGCTGGCTCTGG 631
QY 590 TGAAGACCATGAGCAGATGTAGCTTACTCCAGAGCCAGTCCTCTGAGGAGCTGGCTCTGG 709
Db 632 TCGAGTCAGAAGTCAGGAGCTGGGGAGGGGGCCGGGGAGCTCAATGACAAAGTCACA 691
QY 710 CTCTCAAGAAAGAGTAGGAGAACATCAAAGAAGGGCACGCCCTCAGGGAGGTGGCTG 769
RESULT 13
US-08-742-923A-3
Sequence 3, Application US/08742923A
Patent No. 5,869,611
GENERAL INFORMATION:
APPLICANT: Liu, Pu
APPLICANT: Collins, Francis S.
APPLICANT: Siciliano, Michael J.
APPLICANT: Claxton, David
TITLE OF INVENTION: Markers for Detection of Chromosome 16
TITLE OF INVENTION: Rearrangements
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: Harness, Dickey & Pierce, P.L.C.
STREET: P.O. Box 828
CITY: Bloomfield Hills
STATE: MI
COUNTRY: USA
ZIP: 48303
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/742,923A
FILING DATE: NO. 586961ember 1, 1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Smith, Deann F.
REGISTRATION NUMBER: 36683
REFERENCE DOCKET NUMBER: 2115-00869DW
TELECOMMUNICATION INFORMATION:
TELEPHONE: (810) 641-1600
TELEFAX: (810) 641-0270
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 2887 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: cDNA to mRNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
INDIVIDUAL ISOLATE: Sample 1
TISSUE TYPE: Acute myelomonocytic leukemia, M4EO
TISSUE TYPE: subtype (inv16)
POSITION IN GENOME:
CHROMOSOME SEGMENT: 16[inv(16)(p13q22)]
FEATURE:
NAME/KEY: CDS
LOCATION: 1..2658
US-08-742-923A-3
Query Match 2.2%; Score 44; DB 2; Length 2887;
Best Local Similarity 47.2%; Pred. No. 0.019;
Matches 134; Conservative 0; Mismatches 150; Indels 0; Gaps 0;
QY 530 AGCGAGGAGCAGGATGAGACCAACAAAGCACAAAGAGGGCGGCCCTCAGGAGCAGA 589
Db 512 AGATAATGAGCAGGAGGTGGACATAGAGAAGAGAACGAGCTGGGGAGCTGGCTCTGG 571
Db 632 TCGAGTCAGAAGTCAGGAGCTGGGGAGGGGGCCGGGGAGCTCAATGACAAAGTCACA 691
QY 590 TGAAGACCATGAGCAGATGTAGCTTACTCCAGAGCCAGTCCTCTGAGGAGCTGGCTCTGG 709
Db 752 TTAGGCTGCCAGGAGCTGGCTCCCTCAGTCCAGCTCCAGTCCAG 795

RESULT 14
US-08-781-891-208/c
; Sequence 208, Application US/08781891
; Patent No. 6090620
; GENERAL INFORMATION:
; APPLICANT: Fu, Ying-Hui
; APPLICANT: Yu, Chang-En
; APPLICANT: Oshima, Junko
; APPLICANT: Mulligan, John T.
; ADDRESSEE: SEED and BERRY LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/781,891
; FILING DATE: 27-DEC-1996
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: NO. 6090620/Fenburg Ph.D., Carol
; REGISTRATION NUMBER: 30,317
; REFERENCEDOCKET NUMBER: 240052.419
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 208:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16442 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; QUERY Match 2.2%; Score 43.6; DB 3; Length 16442;
; Best Local Similarity 47.4%; Pred. No. 057; Indels 0; Gaps 0;
; Matches 130; Conservative 0; Mismatches 144; Indels 0; Gaps 0;
; QY 512 AGCAGATAAGTACTTAGAGCAGCAGGAGATGAGACCAACACAGAGGGCGG 571
; DB 16440 AGCAGGAGGAGGAGCAGATGAGACCATGGAGGAGGAGGAGGAGGAGGAGG 16381
; QY 572 GCGGCTCAGGCCAGATGAGCCAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 631
; DB 16380 AGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 16321
; QY 632 TTAAGCTGGCCAAAGGACGTGGCTCCCTCAGTCCTCCAGTCAG 795

RESULT 15
US-08-182-175A-104
; Sequence 104, Application US/08182175A
; Patent No. 5559223
; GENERAL INFORMATION:
; APPLICANT: Saverio Carl Falco
; APPLICANT: Sharon J. Keefer
; APPLICANT: Janet A. Rice
; TITLE OF INVENTION: Synthetic Storage Proteins with Defined Structure Containin
; NUMBER OF SEQUENCES: 113
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: E. I. du Pont de Nemours and Company
; STREET: 1007 Market Street
; CITY: Wilmington
; STATE: Delaware
; COUNTRY: USA
; ZIP: 19898
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; COMPUTER: Macintosh
; OPERATING SYSTEM: Macintosh System, 6.0
; SOFTWARE: Microsoft Word, 4.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/182,175A
; FILING DATE:
; CLASSIFICATION: 800
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 07/743,006
; FILING DATE: 9 August 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Linda Axamethy Floyd
; REGISTRATION NUMBER: 33,692
; REFERENCE/DOCKET NUMBER: BB-1031
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (302) 992-4929
; TELEFAX: (302) 892-7949
; TELXX: 835420
; INFORMATION FOR SEQ ID NO: 104:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 340 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; ORIGINAL SOURCE:
; STRAIN: E. coli
; CELL TYPE: DH5 alpha
; IMMEDIATE SOURCE:
; CLONE: segment 534 [seq 534]
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 3...326
; OTHER INFORMATION: /function= "synthetic seed storage protein"
; OTHER INFORMATION: /product= "protein"
; OTHER INFORMATION: /gene= "ssp"
; OTHER INFORMATION: /standard_name= "SSP-534"
; OTHER INFORMATION: /standard_name= "SSP-534"
US-08-182-175A-104
; Query Match 2.1%; Score 41.6; DB 1; Length 340;
; Best Local Similarity 46.8%; Pred. No. 0.031; Indels 0; Gaps 0;
; Matches 131; Conservative 0; Mismatches 149; Indels 0; Gaps 0;

QY	506	TGAAAGCAGATGAACTACTTGTAGAGCAGCAGCAGGATGAGACCAAAACAGACAGAGG
Db	16	TGAAAGCCTCAGGAGGAATGGCTAAGTGAAAGCAGAAATGGAACTGAAGAGG
Qy	566	AGCGGGGCCGCTCAGGAGCAAGATGAGACCATGGAGCAGATTGAGCTCTACTCCAG
Db	76	AATGAAGAAGCTCGAAGAGAAGATGAGTCATGGAGGAGATCAAAGCTGCGAG
Qy	626	GCCAGCCTCCTGAGGTGGAGATGATCCGAGACATGGTGCGGACATCGCGTG
Db	136	AAAAGATGAAGGCTATGGAGACAAGATGAAATGGCTTGAGGAAAGATGAAGAAGCTG
Qy	686	AACAGCTGCTGTACTGTGTCCTCTCAAAGAAGGTACCGAGAACTTAAAGAGGCC
Db	196	AAAGAGAAGATGAAAGTCTATGGAGGAGAATGAAAGACTCGAAGAAAATGAGGCAA
Qy	746	GGAGGCTCAGGGAGTGGCTACAGCTGAGGAGA 785
Db	256	TGGAAGAACAAATGAAGTGTGCCTGAGGAGAAATGAGGA 295

Search completed: December 13, 2002, 04:43:03
Job time : 322 secs

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